

Docket No.: 385478006US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Bennett M. Butters

Application No.: 10/805,066

Confirmation No.: 7922

Filed: March 19, 2004

Art Unit: 2857

For: **SYSTEM AND METHOD FOR SAMPLE  
DETECTION BASED ON LOW-  
FREQUENCY SPECTRAL  
COMPONENTS**

Examiner: P.L. Kim

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

02/16/2005 SZEWDIE1 00000008 10805066

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180.00 DP

Application No.: 10/805,066

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Copies of the references on the PTO/SB/08 are not provided.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 385478006US.

Dated: \_\_\_\_\_

2/10/05

Respectfully submitted,

By \_\_\_\_\_

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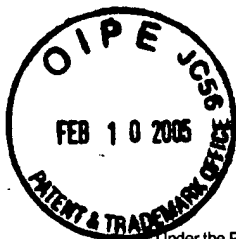
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PTO/SB/08a/b (08-03)  
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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/805,066-Conf. #7922
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Filing Date	March 19, 2004
				First Named Inventor	Bennett M. Butters
				Art Unit	2857
				Examiner Name	P. L. Kim
				Attorney Docket Number	385478006US
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		10/923,545		Butters et al.	
		US-2003-0016010-A1	01-23-2003	Kandori et al.	
		US-2004-0027125-A1	02-12-2004	Clarke et al.	
		US-2004-0183530-A1	09-23-2004	Butters et al.	
		US-4,822,169	04-18-1989	Distl et al.	
		US-5,254,950	10-19-1993	Fan et al.	
		US-5,508,203	04-16-1996	Fuller et al.	
		US-5,541,413	07-30-1996	Pearson et al.	
		US-6,159,444	12-12-2000	Schlenga et al.	
		US-6,724,188	04-20-2004	Butters	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		WO 03/83439 A2	10/09/2003	Butters		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		COOLEY, J. et al., "An Algorithm for the Machine Calculation of Complex Fourier Series", Mathematics of Computation, April 1965, pp. 297-301, Vol. 19, No. 90, American Mathematical Society, Providence, Rhode Island.	

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Examiner Signature		Date Considered	
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